

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 0536 Egbert

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Right	5.58
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/29/2018 - 3/29/2018			
DWR Inspector	Keith Millard			
Accompanied By	David Hearn			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start		Rating **	M	Issue No.	38
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0536_01_s_2012_38				
Comment Code					
Inspector Comment					
The District does not have a staff only land owners.					

No Photos

LM Start		Rating **	A	Issue No.	39
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0536_01_s_2012_39				
Comment Code					
Inspector Comment					
District has copy of O+M manual as of 10/7/2017.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0536_01_s_2012_40				
Comment Code					
Inspector Comment					
The district should keep a supply of floodfight materials.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	0.00	Rating **	U	Issue No.	66
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.244963 °	38.244963 °	
			-121.768960 °	-121.768960 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:50161

DS_ID:22712

EP_NO: 10114

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR)

FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet].

FS Date: 6/1/2016

Photo 1 of 3 : UCIP_SP_2018_50161_34457.jpg



WS view: two CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (left) and 60" CMP (right).

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

Reclamation District No. 0536 Egbert

LS view: two inlet CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (right) and 60" CMP (left).

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	0.00	Rating **	U	Issue No.	66 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.244963 °	38.244963 °	
				-121.768960 °	-121.768960 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50161 DS_ID:22712 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR) FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet]. FS Date: 6/1/2016						

Photo 3 of 3 : UCIP_SP_2018_50161_34455.jpg



LS view: holes & cracks on CM pipe due to heavy corrosion. Needs detailed investigation of the pipe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	0.00	Rating **	U	Issue No.	67
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:50160
DS_ID:22726
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severely corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992, referenced as 6.5 feet below the crown. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 "A"), invert elevation 14.4 feet].
FS Date: 6/1/2016

LM Start	0.00	Rating **	U	Issue No.	67 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_50160_34771.jpg



WS view: concrete headwall, flap gates on 36" CMP (left) and 60" CMP (right)

Photo 2 of 3 : UCIP_SP_2018_50160_34770.jpg



WS view: cracked and tilted concrete headwall.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	0.00	Rating **	U	Issue No.	67 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.244959 °	38.244959 °	
				-121.768921 °	-121.768921 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50160 DS_ID:22726 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severely corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya) FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992, referenced as 6.5 feet below the crown. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet]. FS Date: 6/1/2016						

Photo 3 of 3 : UCIP_SP_2018_50160_34769.jpg



LS view: concrete headwall, 36" CMP (right) and 60" CMP (left)

LM Start	0.28	Rating **	M	Issue No.	21
LM End	0.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.245602 °	38.245713 °
				-121.764047 °	-121.762449 °
DWR ID	DWR_RD0536_01_s_2017_21				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Crown rutting has been reduced by regrading and addition of base rock in RD536, but still exists in this area. Should be repaired.					

Photo 1 of 1 : SP_2018_RD0536_208_21_20180329_00060.jpg



Crown should be graded and surfaced with base rock.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	0.31	Rating **	A/W	Issue No.	68
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.245605 °	38.245605 °
				-121.763441 °	-121.763441 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49313
DS_ID:22713
EP_NO: 10114
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 06/01/2016 Debris cleared and flapgate is no longer blocked. 08/13/2013 Outlet was blocked by concrete debris and dirt. Needs cleaning of debris.
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Headwall on each end, not found in 2013 or 2016. No. 100 gate on the WS. Concrete debris on the WS slope. This crossing is also used for irrigation. 1-inch polyvinyl chloride (PVC) pipe sleeved through the 24-inch pipe, visible through the landside (LS) end. According to David Hearn, Reclamation District No. 536 (RD0536) president, the PVC pipe does not connect all the way through. Present landowner, as of 2016, is Solano Land Trust, and the pipe runs through the Jepson Prairie Reserve, managed by the University of California, Davis, (UC Davis). (Retention of a 24-inch drainage pipe through the levee, 10.5 feet below the crown, and a flap gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 274+00 "'A'"), invert elevation 15.8 feet].
FS Date: 6/1/2016

LM Start	0.31	Rating **	A/W	Issue No.	68 (cont)
LM End	0.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_49313_34774.jpg



WS view: overview of exposed CM pipe on levee slope.

Photo 2 of 3 : UCIP_SP_2018_49313_34773.jpg



WS view: CM pipe blocked by concrete debris on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	0.31	Rating **	A/W	Issue No.	68 (cont)	
LM End	0.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.245605 °	38.245605 °	
				-121.763441 °	-121.763441 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49313 DS_ID:22713 EP_NO: 10114 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 06/01/2016 Debris cleared and flapgate is no longer blocked. 08/13/2013 Outlet was blocked by concrete debris and dirt.Needs cleaning of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Headwall on each end, not found in 2013 or 2016. No. 100 gate on the WS. Concrete debris on the WS slope. This crossing is also used for irrigation. 1-inch polyvinyl chloride (PVC) pipe sleeved through the 24-inch pipe, visible through the landside (LS) end. According to David Hearn, Reclamation District No. 536 (RD0536) president, the PVC pipe does not connect all the way through. Present landowner, as of 2016, is Solano Land Trust, and the pipe runs through the Jepson Prairie Reserve, managed by the University of California, Davis, (UC Davis). (Retention of a 24-inch drainage pipe through the levee, 10.5 feet below the crown, and a flap gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 274+00 ""A""), invert elevation 15.8 feet]. FS Date: 6/1/2016						

Photo 3 of 3 : UCIP_SP_2018_49313_34772.jpg



LS view: open CM pipe end on levee slope.

LM Start	0.67	Rating **	M	Issue No.	3
LM End	0.98	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.249615 °	38.253717 °
				-121.760165 °	-121.757979 °
DWR ID	DWR_RD0536_01_f_2016_3				
Comment Code					
Inspector Comment					
2011 - Multiple sections of slumping bank. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-6_R]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	1.10	Rating **	A/W	Issue No.	69
LM End	1.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.255412 °	38.255412 °
				-121.757605 °	-121.757605 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:20444
DS_ID:22715
EP_NO: 10115
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: Pipe was submerged into water and not visible. Steel bar fence on both sides of the levee.
FIELD_STRUCT_DESC: 42-inch corrugated metal gravity drainage pipe through the levee, 22.5 feet below the crown. Concrete headwall on each end. Screw gate on the waterside (WS) end. (Retention of a 42-inch drainage pipe through the levee, 22.5 feet below the crown, and a slide gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10115, 1974 - Petersen Estate Company, care of R. Moss). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 238+36 ""A""), invert elevation 1.5 feet].
FS Date: 8/13/2013

LM Start	1.10	Rating **	A/W	Issue No.	69 (cont)
LM End	1.10	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2018_20444_34493.jpg



WS view: slide gate, concrete headwall in the channel. Pipe submerged into water.

Photo 2 of 2 : UCIP_SP_2018_20444_34492.jpg



LS view: concrete headwall in the channel/irrigation ditch. Pipe submerged into water.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	1.10	Rating **	C	Issue No.	22
LM End	1.19	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.255486 °	38.256721 °
				-121.757610 °	-121.757582 °
DWR ID	DWR_RD0536_01_s_2018_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.35	Rating **	A/W	Issue No.	47
LM End	1.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.258930 °	38.258637 °
				-121.757085 °	-121.753397 °
DWR ID	DWR_RD0536_01_f_2014_47				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Add appropriate gravel to the crown roadway.					

No Photos

LM Start	1.53	Rating **	C	Issue No.	23
LM End	1.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.258713 °	38.258934 °
				-121.753889 °	-121.752493 °
DWR ID	DWR_RD0536_01_s_2018_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	1.69	Rating **	C	Issue No.	25
LM End	1.77	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.259759 °	38.259692 °
				-121.751412 °	-121.750032 °
DWR ID	DWR_RD0536_01_s_2018_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.82	Rating **	C	Issue No.	17
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.259806 °	38.256832 °
				-121.749173 °	-121.727326 °
DWR ID	DWR_RD0536_01_f_2017_17				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Weeds on land side obstructing view and access.					

No Photos

LM Start	2.27	Rating **	C	Issue No.	26
LM End	2.34	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.258406 °	38.258643 °
				-121.742710 °	-121.741471 °
DWR ID	DWR_RD0536_01_s_2018_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	2.69	Rating **	A/W	Issue No.	56
LM End	2.71	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255197 °	38.254973 °
				-121.737932 °	-121.737577 °
DWR ID	DWR_RD0536_01_f_2014_56				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Possible subsidence in this area has been repaired. Grade was restored and base rock was added to crown. Area looks good on 3/29/18. Should continue to monitor this site for possible future subsidence.					

Photo 1 of 1 : SP_2018_RD0536_208_56_20180329_00061.jpg



3/29/2018: Crown rutting and possible subsidence has been repaired, but area should continue to be monitored for possible future subsidence.

LM Start	2.95	Rating **	A/W	Issue No.	18
LM End	2.95	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.256047 °	38.256047 °
				-121.733728 °	-121.733728 °
DWR ID	DWR_RD0536_01_f_2017_18				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
9/29/2017: Cracks in and along crown. Possible indicator of land side slumping. Cracks up to 6 inches wide and 2 feet deep. 3/29/2018: Crown has been graded and base rock added. No cracks visible. Area should continue to be monitored for future cracking.					

Photo 1 of 1 : SP_2018_RD0536_208_18_20180305_00004.jpg



09/29/2017: Cracks in crown.

LM Start	2.99	Rating **	A/W	Issue No.	19
LM End	3.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.255581 °	38.255562 °
				-121.733117 °	-121.733085 °
DWR ID	DWR_RD0536_01_f_2017_19				
Comment Code					
CR2 : Schedule repair of subsidence prior to the next inspection.					
Inspector Comment					
9/29/2017: Cracking on crown indicating slumping on land side. Crack width up to 8 inches, vertical drop on land side 3 to 5 inches, depth up to 2 feet. 3/29/2018: Crown has been graded and base rock added. No cracks visible. Area should continue to be monitored for future cracking.					

Photo 1 of 1 : SP_2018_RD0536_208_19_20180305_00006.jpg



09/29/2017: Cracks in crown showing vertical offset with land side lower than most of crown.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	3.12	Rating **	M	Issue No.	24
LM End	3.12	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.255575 °	38.255575 °
				-121.730895 °	-121.730895 °
DWR ID	DWR_RD0536_01_f_2016_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the walnut tree from the waterside slope that is overhanging the crown roadway.					

No Photos

LM Start	3.26	Rating **	M	Issue No.	27
LM End	3.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.256407 °	38.256839 °
				-121.728683 °	-121.727673 °
DWR ID	DWR_RD0536_01_s_2018_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control growth of broadleaf vegetation on landside slope. This veg quickly hides features that may be of concern.					

Photo 1 of 1 : SP_2018_RD0536_208_27_20180329_00062.jpg



Broad leaf veg hides slope; should be removed/managed.

LM Start	3.41	Rating **	M	Issue No.	28
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.256076 °	38.256076 °
				-121.726365 °	-121.726365 °
DWR ID	DWR_RD0536_01_s_2018_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control growth of broadleaf vegetation on landside slope. This veg quickly hides features that may be of concern.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	3.43	Rating **	A/W	Issue No.	20
LM End	3.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255815 °	38.255815 °
				-121.726158 °	-121.726158 °
DWR ID	DWR_RD0536_01_f_2017_20				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
This area had cracks in Fall 2017. It has been graded and received base rock. It should continue to be monitored for future cracking.					

No Photos

LM Start	3.53	Rating **	M	Issue No.	30
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.254597 °	38.254597 °
				-121.725850 °	-121.725850 °
DWR ID	DWR_RD0536_01_s_2018_30				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
This area has been noted as a vegetation site, but should be monitored for possible subsidence. Landside slope contains small growth of berry vines and other hydrophilic plants, and past surface rutting and subsidence on crown has been repaired. Berry vines should be removed to allow regular monitoring and inspection.					

No Photos

LM Start	3.67	Rating **	M	Issue No.	31
LM End	5.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.252624 °	38.245310 °
				-121.726458 °	-121.705085 °
DWR ID	DWR_RD0536_01_s_2018_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control growth of broadleaf vegetation on landside slope. This veg quickly hides features that may be of concern.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	3.67	Rating **	M	Issue No.	29
LM End	5.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.252623 °	38.245562 °
				-121.726458 °	-121.705663 °
DWR ID	DWR_RD0536_01_s_2017_29				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.69	Rating **	M	Issue No.	70	
LM End	3.69	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.252388 °	38.252388 °	
				-121.726437 °	-121.726437 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49314 DS_ID:24023 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 Could not see flapgate in water. Pipes still in use. No cover over pressure relief valve on WS slope.08/13/2013:- Field discovered pipe.- Needs more information from the LMA/ DWR Inspector. - Dense vegetation on WS.- Pump feeds both pipes. FIELD_STRUCT_DESC: 2 of 2: 18-inch steel drainage discharge pipe through the levee, approximately 4 feet below the crown. Pump, called the Buddha Pump, in a pump house on the landside (LS) at the drainage ditch. Pressure breaker on the waterside (WS) slope. Pump and pipes are used by Reclamation District No. 536 (RD0536), per district president David Hearn, but could not identify permit information. Landowner is Dan Hearn per Solano County Assessor's Office (Parcel No. 0042-180-220). FS Date: 6/1/2016						

Photo 1 of 3 : UCIP_SP_2018_49314_34789.jpg



WS view: exposed 18" steel pipe on levee slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	3.69	Rating **	M	Issue No.	70 (cont)
LM End	3.69	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.252388 °	38.252388 °
				-121.726437 °	-121.726437 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49314
DS_ID:24023
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/01/2016 Could not see flapgate in water. Pipes still in use. No cover over pressure relief valve on WS slope. 08/13/2013:- Field discovered pipe.- Needs more information from the LMA/ DWR Inspector. - Dense vegetation on WS.- Pump feeds both pipes.
FIELD_STRUCT_DESC: 2 of 2: 18-inch steel drainage discharge pipe through the levee, approximately 4 feet below the crown. Pump, called the Buddha Pump, in a pump house on the landside (LS) at the drainage ditch. Pressure breaker on the waterside (WS) slope. Pump and pipes are used by Reclamation District No. 536 (RD0536), per district president David Hearn, but could not identify permit information. Landowner is Dan Hearn per Solano County Assessor's Office (Parcel No. 0042-180-220).
FS Date: 6/1/2016

LM Start	3.69	Rating **	M	Issue No.	70 (cont)
LM End	3.69	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_49314_34788.jpg



WS view: pressure breaker/valve on levee slope.

Photo 3 of 3 : UCIP_SP_2018_49314_34787.jpg



WS view: exposed 18" steel pipe (left) and 16" steel pipe (right) on levee slope. Pump house on bank of drainage ditch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	3.92	Rating **	A/W	Issue No.	71
LM End	3.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.250781 °	38.250781 °
				-121.723272 °	-121.723272 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20503 DS_ID:22718 EP_NO: 10116 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Vortex seen on WS. Water flow seen on LS.Saddle, apron, and headwall not visible. Inlet and outlet pipe-ends are submerged into water. FIELD_STRUCT_DESC: 54-inch corrugated metal gravity drainage pipe through the levee, 30 feet below the crown. Screw gate in a pipe riser on the waterside (WS) slope. Saddle, apron, headwall, two corrugated metal cutoff walls, one No. 101 gate, and one No. 102 gate. (Retention of a 54-inch drainage pipe through the levee, 30 feet below the crown, and a slide gate on the WS slope authorized under Automatic Board Order (ABO) 10116, 1974 - Marion Sanchez Farms). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 87+70 ""R""), invert elevation -2 feet]. FS Date: 8/13/2013					

LM Start	3.92	Rating **	A/W	Issue No.	71 (cont)
LM End	3.92	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_20503_34568.jpg



WS view: CMP riser with slide gate on levee slope. Water channel on background.

Photo 2 of 3 : UCIP_SP_2018_20503_34567.jpg



WS view: closer view of slide gate in CMP riser on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	3.95	Rating **	M	Issue No.	72
LM End	3.95	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.250693 °	38.250693 °	
			-121.722759 °	-121.722759 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:49317
DS_ID:22719
EP_NO: 2131
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/01/2016 New pump recently installed. Flapgate not visible though not required under condition of Permit No. 2131. No positive closure device found, which, if missing, is a violation of Condition 8 of Permit No. 2131. Need a name change permit for new owner RD0536. Siphon breaker missing cover.08/13/2013 Pump is missing at the time of inspection. May be taken out for repair.Flappage on waterward end not found/visible as pipe was submerged into water.Pipe itself is a walkway with steel handrail.
FIELD_STRUCT_DESC: 20-inch drainage discharge pipe of an unknown material through the levee, 1.5 feet below the crown. Pump, which was replaced recently, is on a steel platform in the drainage ditch on the landside (LS) toe. Siphon breaker on the waterside (WS) slope. Pipe is exposed on both slopes, but only found on the WS in 2016. Walkway over the pipe on the LS leads to the pump platform. Pipe and pump are now used by Reclamation District No. 536 [RD0536], per district president David Hearn. (Plans for construction of a 20-horsepower drainage pump installation and a 20-inch discharge pipe through the levee authorized under Permit No. 2131, 1955 - California Packing Corporation). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 6/1/2016

LM Start	3.95	Rating **	M	Issue No.	72 (cont)
LM End	3.95	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_49317_34579.jpg



WS view: exposed steel pipe with siphon breaker on levee slope.

Photo 2 of 3 : UCIP_SP_2018_49317_34578.jpg



WS view: steel pipe submerged into water in the stream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	3.95	Rating **	M	Issue No.	72 (cont)	
LM End	3.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.250693 °	38.250693 °	
				-121.722759 °	-121.722759 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49317 DS_ID:22719 EP_NO: 2131 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 New pump recently installed. Flapgate not visible though not required under condition of Permit No. 2131. No positive closure device found, which, if missing, is a violation of Condition 8 of Permit No. 2131. Need a name change permit for new owner RD0536. Siphon breaker missing cover.08/13/2013 Pump is missing at the time of inspection. May be taken out for repair.Flapp gate on waterward end not found/visible as pipe was submerged into water.Pipe itself is a walkway with steel handrail. FIELD_STRUCT_DESC: 20-inch drainage discharge pipe of an unknown material through the levee, 1.5 feet below the crown. Pump, which was replaced recently, is on a steel platform in the drainage ditch on the landside (LS) toe. Siphon breaker on the waterside (WS) slope. Pipe is exposed on both slopes, but only found on the WS in 2016. Walkway over the pipe on the LS leads to the pump platform. Pipe and pump are now used by Reclamation District No. 536 [RD0536], per district president David Hearn. (Plans for construction of a 20-horsepower drainage pump installation and a 20-inch discharge pipe through the levee authorized under Permit No. 2131, 1955 - California Packing Corporation). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 6/1/2016						

Photo 3 of 3 : UCIP_SP_2018_49317_34577.jpg



LS view: exposed steel pipe on levee slope and pump deck in drainage ditch.

LM Start	4.83	Rating **	M	Issue No.	35
LM End	5.57	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.245813 °	38.245588 °
				-121.710307 °	-121.697605 °
DWR ID	DWR_RD0536_01_s_2017_35				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	4.90	Rating **	M	Issue No.	32
LM End	5.03	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245394 °	38.246140 °
				-121.709229 °	-121.706974 °
DWR ID	DWR_RD0536_01_s_2018_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.94	Rating **	M	Issue No.	4
LM End	4.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.245581 °	38.245667 °
				-121.708605 °	-121.708327 °
DWR ID	DWR_RD0536_01_f_2016_4				
Comment Code					
Inspector Comment					
2011 - Multiple erosion pockets from tree popouts. A smaller erosion pocket in the middle of a failing bank repair. Pump structure at the downstream end may be contributing to the erosion. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-8_R]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	4.96	Rating **	M	Issue No.	73
LM End	4.96	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245643 °	38.245643 °
				-121.708162 °	-121.708162 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49318 DS_ID:22720 EP_NO: 10116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 Pipe is an abandoned crossing per conversation with district president David Hearn.Pipe seems to be abandoned.Catwalk and pumphouse on riverside not found. It is not clear whether the pipe pass through the levee or not. Needs more info from LMA/DWR Inspector. FIELD_STRUCT_DESC: 3-inch galvanized irrigation discharge pipe through the levee, 4 feet below the crown. Catwalk and pump house on the waterside (WS). Concrete saddle and water tank on the WS slope. (Retention of a 3.5-inch pipe through the levee, 4 feet below the crown, concrete saddle, and water tank on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 10116, 1974 - Marion Sanchez Farms). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 33+16 ""R""), invert elevation 19 feet]. FS Date: 8/13/2013					

LM Start	4.96	Rating **	M	Issue No.	73 (cont)
LM End	4.96	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_49318_34605.jpg



WS view: pump, pipe, gate valve, and wooden piling structure in the stream.

Photo 2 of 3 : UCIP_SP_2018_49318_34604.jpg



WS view: exposed pipes on levee shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	5.10	Rating **	M	Issue No.	74
LM End	5.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
				-121.705999 °	-121.705999 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49319 DS_ID:24664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 According to district president David Hearn, landowner is Silva and crossing is abandoned.08/13/2013:Field discovered pipe crossing.Needs more information from LMA/DWR Inspector. Also needs more detailed inspection. FIELD_STRUCT_DESC: *ABANDONED* Approximately 6-inch steel irrigation discharge pipe and an electrical conduit through the levee, at an unknown depth. Slant pump in a steel support on the channel bank. Gate valve on the pipe. No pipes and appurtenances on the landside (LS). This crossing was field discovered. FS Date: 8/13/2013					

LM Start	5.10	Rating **	M	Issue No.	74 (cont)
LM End	5.10	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_49319_35124.jpg



WS view: pipe and pump on channel bank.

Photo 2 of 2 : UCIP_SP_2018_49319_35123.jpg



WS view: closer view of pipe and pump on channel bank.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	5.10	Rating **	M	Issue No.	75	
LM End	5.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.245783 °		38.245783 °
				-121.705999 °		-121.705999 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:20543 DS_ID:22721 EP_NO: 3873 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe seems to be abandoned.Needs proper abandonment. FIELD_STRUCT_DESC: 6-inch irrigation discharge pipe of an unknown material through the levee, 2 feet below the crown. Pump on a concrete base on the waterside (WS) slope. Gate valve on the WS slope. (Plans for installation of a 6-inch pipe through the levee authorized under Permit No. 3873, 1962 - California Packing Corporation). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/13/2013						

LM Start	5.10	Rating **	M	Issue No.	75 (cont)
LM End	5.10	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_20543_34623.jpg



WS view: abandoned pipe, pump, conduit, and gate valve on levee slope.

Photo 2 of 2 : UCIP_SP_2018_20543_34622.jpg



WS view: closer view of abandoned pipe, pump, and gate valve on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	5.12	Rating **	M	Issue No.	76
LM End	5.12	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245588 °	38.245588 °
				-121.705723 °	-121.705723 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20544					
DS_ID:24024					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - field discovered pipe.- seems abandoned pipe.					
Needs proper abandonment.					
FIELD_STRUCT_DESC: *ABANDONED* 6-inch galvanized iron					
drainage pipe on top of a concrete pad and through the levee, at an					
unknown depth. Details not available. This crossing was field					
discovered.					
FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2018_20544_34625.jpg



WS view: overview of levee slope, concrete pad, and pipe.

LM Start	5.12	Rating **	M	Issue No.	76 (cont)
LM End	5.12	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_20544_34624.jpg



WS view: abandoned steel pipe on concrete pad.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	5.17	Rating **	U	Issue No.	65
LM End	5.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.245300 °	38.245742 °
				-121.704909 °	-121.700893 °
DWR ID	DWR_RD0536_01_s_2014_65				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Very small oak and olive trees on lower slope should be removed from the landward slope and shoulder before they get any larger. Larger trees should be trimmed up to 5 feet above levee slope to allow inspection and access.					

Photo 1 of 2 : SP_2018_RD0536_208_65_20180329_00064.jpg



Large oak and olive trees should be trimmed to at least 5 feet above slope to allow inspection and access.

LM Start	5.17	Rating **	U	Issue No.	65 (cont)
LM End	5.39	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0536_208_65_20180329_00063.jpg



Small oak and olive trees should be removed while small.

LM Start	5.32	Rating **	M	Issue No.	33
LM End	5.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245684 °	38.245605 °
				-121.702299 °	-121.697729 °
DWR ID	DWR_RD0536_01_s_2018_33				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	5.34	Rating **	U	Issue No.	11
LM End	5.34	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245644 °	38.245644 °
				-121.701945 °	-121.701945 °
DWR ID	DWR_RD0536_01_s_2013_11				
Comment Code					
FE : Fence					
Inspector Comment					
The District said that the property owner had this gate and barricade installed by the County.					

LM Start	5.34	Rating **	U	Issue No.	11 (cont)
LM End	5.34	Issue Type +	En	Location *	CR

Photo 1 of 2 : SP_2018_RD0536_208_11_20180305_00001.jpg



RD 536 Unit 1 levee mile 5.34 waterside shoulder. No change. 4-17.

Photo 2 of 2 : SP_2018_RD0536_208_11_20180305_00002.jpg



This gate rest and gate on the landside of the levee shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	5.49	Rating **	M	Issue No.	77
LM End	5.49	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245512 °	38.245512 °
				-121.699119 °	-121.699119 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20563 DS_ID:22722 EP_NO: 7208 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - siphon breaker needs cover/protection.- service pole on landside of the levee. FIELD_STRUCT_DESC: 30-inch steel drainage discharge pipe through the levee, 5.7 feet below the crown. Pump in a piling structure in a drainage ditch on the landside (LS). Siphon breaker on the waterside (WS) shoulder. (Plans to install a drainage pumping plant and 35 feet of 30-inch pipe through the levee authorized under Permit No. 7208, 1970 - Reclamation District No. 536 [RD0536]). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/13/2013					

LM Start	5.49	Rating **	M	Issue No.	77 (cont)
LM End	5.49	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_20563_34646.jpg



WS view: wooden & steel piles on the slough. Probably the supports are for pipe and flap gate. Not accessible due to fence.

Photo 2 of 3 : UCIP_SP_2018_20563_34645.jpg



WS view: uncovered siphon breaker on levee shoulder. It needs protection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/29/2018 03/29/2018	Keith Millard

LM Start	5.49	Rating **	M	Issue No.	77 (cont)	
LM End	5.49	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.245512 °		38.245512 °
				-121.699119 °		-121.699119 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:20563 DS_ID:22722 EP_NO: 7208 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - siphon breaker needs cover/protection.- service pole on landside of the levee. FIELD_STRUCT_DESC: 30-inch steel drainage discharge pipe through the levee, 5.7 feet below the crown. Pump in a piling structure in a drainage ditch on the landside (LS). Siphon breaker on the waterside (WS) shoulder. (Plans to install a drainage pumping plant and 35 feet of 30-inch pipe through the levee authorized under Permit No. 7208, 1970 - Reclamation District No. 536 [RD0536]). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/13/2013						

Photo 3 of 3 : UCIP_SP_2018_20563_34644.jpg



LS view: pipe under the wooden walkway and pump on wooden platform in drain ditch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Right	5.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/29/2018 - 3/29/2018			
DWR Inspector	Keith Millard			
Accompanied By	David Hearn			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	0.03	Rating **	M	Issue No.	7
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245196 °	38.245196 °
				-121.697280 °	-121.697280 °
DWR ID	DWR_RD0536_02_s_2018_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.09	Rating **	U	Issue No.	5
LM End	0.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.244240 °	38.243709 °
				-121.696830 °	-121.696934 °
DWR ID	DWR_RD0536_02_s_2012_5				
Comment Code					
EQ : Equipment					
Inspector Comment					
Remove the equipment from the landside easement levee miles 0.09-0.13.					

Photo 1 of 1 : SP_2018_RD0536_209_5_20180305_00001.jpg



RD 536 Unit 2 levee mile 0.09 landside toe.

LM Start	0.10	Rating **	M	Issue No.	8
LM End	1.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244120 °	38.223385 °
				-121.696967 °	-121.696860 °
DWR ID	DWR_RD0536_02_s_2018_8				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	0.10	Rating **	M	Issue No.	9
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244119 °	38.223385 °
				-121.696967 °	-121.696860 °
DWR ID	DWR_RD0536_02_s_2018_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.10	Rating **	M	Issue No.	10
LM End	1.54	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244083 °	38.223385 °
				-121.696923 °	-121.696860 °
DWR ID	DWR_RD0536_02_s_2017_10				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	0.84	Rating **	C	Issue No.	16
LM End	2.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.233467 °	38.214050 °
				-121.698007 °	-121.693725 °
DWR ID	DWR_RD0536_02_f_2012_16				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Base rock has been added to crown.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	1.47	Rating **	M	Issue No.	22
LM End	1.47	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.224423 °	38.224423 °
				-121.697049 °	-121.697049 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20664 DS_ID:22732 EP_NO: 17829 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Indicator is found only on WS. The indicator is different than standard indicator. Needs more info from LMA/DWR Inspector. FIELD_STRUCT_DESC: 3.5-inch welded steel natural gas pipeline under the levee, 44 feet below the crown. (Plans to install a 3.5-inch welded steel natural gas pipeline bored under the levee authorized under Permit No. 17829, 2004 - Towne Exploration Company). FS Date: 8/13/2013					

LM Start	1.47	Rating **	M	Issue No.	22 (cont)
LM End	1.47	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_20664_34746.jpg



WS view: overview of levee slope and gasline indicator. The indicator is different than standard indicators.

Photo 2 of 3 : UCIP_SP_2018_20664_34745.jpg



WS view: closer look at gasline indicator. The indicator is different than standard indicators.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	1.47	Rating **	M	Issue No.	22 (cont)	
LM End	1.47	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.224423 °	38.224423 °	
				-121.697049 °	-121.697049 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:20664 DS_ID:22732 EP_NO: 17829 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Indicator is found only on WS. The indicator is different than standard indicator. Needs more info from LMA/DWR Inspector. FIELD_STRUCT_DESC: 3.5-inch welded steel natural gas pipeline under the levee, 44 feet below the crown. (Plans to install a 3.5-inch welded steel natural gas pipeline bored under the levee authorized under Permit No. 17829, 2004 - Towne Exploration Company). FS Date: 8/13/2013						

Photo 3 of 3 : UCIP_SP_2018_20664_34744.jpg



WS view: natural gas extraction plant near levee on the field.

LM Start	1.54	Rating **	C	Issue No.	11
LM End	2.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.223386 °	38.214235 °
				-121.696860 °	-121.693843 °
DWR ID	DWR_RD0536_02_s_2018_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Sheep have reduced vegetation. Continue to maintain.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	1.54	Rating **	C	Issue No.	12
LM End	2.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.223385 °	38.215479 °
				-121.696861 °	-121.694359 °
DWR ID	DWR_RD0536_02_s_2018_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Sheep have reduced vegetation. Continue to maintain.					

No Photos

LM Start	2.17	Rating **	M	Issue No.	13
LM End	2.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.214453 °	38.213820 °
				-121.693932 °	-121.693648 °
DWR ID	DWR_RD0536_02_s_2018_13				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Control broad leaf vegetation on levee to allow inspection.					

No Photos

LM Start	2.19	Rating **	M	Issue No.	14
LM End	2.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.214235 °	38.213114 °
				-121.693843 °	-121.693334 °
DWR ID	DWR_RD0536_02_s_2018_14				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Control broad leaf vegetation on levee to allow inspection.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	2.27	Rating **	M	Issue No.	6
LM End	2.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.213114 °	38.210294 °
				-121.693334 °	-121.691904 °
DWR ID	DWR_RD0536_02_s_2018_6				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Large, dead thistle stalks remain on levee. Should be removed, or burned if possible.					

No Photos

LM Start	2.50	Rating **	M	Issue No.	23
LM End	2.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.210063 °	38.210063 °
				-121.691768 °	-121.691768 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20647 DS_ID:24025 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs more info from LMA/DWR Inspector. Pump and pipe looks new. FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe with vertical pump on the drainage ditch. No other details available. This crossing was field discovered. FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2018_20647_34731.jpg



WS view: overview of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	2.50	Rating **	M	Issue No.	23 (cont)	
LM End	2.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.210063 °	38.210063 °	
				-121.691768 °	-121.691768 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:20647						
DS_ID:24025						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Needs more info from LMA/DWR Inspector. Pump and pipe looks new.						
FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe with vertical pump on the drainage ditch. No other details available. This crossing was field discovered.						
FS Date: 8/13/2013						

Photo 2 of 2 : UCIP_SP_2018_20647_34730.jpg



WS view: closer view of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

LM Start	2.91	Rating **	M	Issue No.	18
LM End	3.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.204710 °	38.197255 °
				-121.688403 °	-121.683660 °
DWR ID	DWR_RD0536_02_s_2018_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	2.91	Rating **	M	Issue No.	15
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.204682 °	38.197404 °	
			-121.688383 °	-121.683677 °	
DWR ID	DWR_RD0536_02_s_2018_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.91	Rating **	M	Issue No.	17
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.204682 °	38.197404 °	
			-121.688383 °	-121.683677 °	
DWR ID	DWR_RD0536_02_s_2018_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.75	Rating **	M	Issue No.	19
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.196921 °	38.196046 °	
			-121.688363 °	-121.697827 °	
DWR ID	DWR_RD0536_02_s_2018_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	3.75	Rating **	M	Issue No.	20
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.196920 °	38.196046 °
				-121.688363 °	-121.697827 °
DWR ID	DWR_RD0536_02_s_2018_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.91	Rating **	M	Issue No.	21
LM End	3.91	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.196745 °	38.196745 °
				-121.691292 °	-121.691292 °
DWR ID	DWR_RD0536_02_s_2018_21				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0536_209_21_20180329_00015.jpg



Crown should be graded and surfaced with base rock.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	4.14	Rating **	M	Issue No.	24
LM End	4.14	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195875 °	38.195875 °
				-121.695177 °	-121.695177 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41845 DS_ID:22731 EP_NO: 1217 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gasline needs markers on both slopes. Existing markers in disrepair. FIELD_STRUCT_DESC: 8.625-inch natural gas pipeline of an unknown material through the levee, at an unknown depth. (Plans for installing an 8.625-inch natural gas pipeline crossing authorized under Permit No. 1217, 1947 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2018_41845_34765.jpg



WS view: gasline indicator across the channel.

LM Start	4.14	Rating **	M	Issue No.	24 (cont)
LM End	4.14	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_41845_34764.jpg



LS view: gasline indicator on levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	4.36	Rating **	M	Issue No.	25	
LM End	4.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.196429 °		38.196429 °
				-121.698962 °		-121.698962 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:46813 DS_ID:22735 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recommend owner contact CVFPB to provide updated owner info and obtain necessary permit for this crossing. FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, at an unknown depth. Steel standpipe on each side of the levee. Temporary canvas about 2 inches below the crown. Per 2015 Inspection Report provided by Herman Phillips, a diesel motor was found on the waterside (WS), and the owner is Mr. Page Baldwin. This crossing was field discovered. FS Date: 8/13/2013						

Photo 1 of 3 : UCIP_SP_2018_46813_34768.jpg



WS view: steel standpipe on levee slope.

LM Start	4.36	Rating **	M	Issue No.	25 (cont)
LM End	4.36	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_46813_34767.jpg



LS view: steel standpipe on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/29/2018 03/29/2018	Keith Millard

LM Start	4.36	Rating **	M	Issue No.	25 (cont)	
LM End	4.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.196429 °		38.196429 °
				-121.698962 °		-121.698962 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:46813 DS_ID:22735 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recommend owner contact CVFPB to provide updated owner info and obtain necessary permit for this crossing. FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, at an unknown depth. Steel standpipe on each side of the levee. Temporary canvas about 2 inches below the crown. Per 2015 Inspection Report provided by Herman Phillips, a diesel motor was found on the waterside (WS), and the owner is Mr. Page Baldwin. This crossing was field discovered. FS Date: 8/13/2013						

Photo 3 of 3 : UCIP_SP_2018_46813_34766.jpg



WS view: steel pipe on levee shoulder at 2-inch below the crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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